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PATENT  
Attorney Docket No. VM7036492003  
Varian No. 03-036

**Certificate of Mailing/Transmission (37 C.F.R. § 1.8(a)):**

[X] Pursuant to 37 C.F.R. § 1.6(d), I hereby certify that this paper and all enclosures are being sent via facsimile on the date indicated below to the attention of Examiner Djura Malevic at Facsimile No. 571-273-8300.

Dated: September 11, 2006

Name of Person Certifying: Shela Badon

Printed Name: Shela Badon

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

Edward J. SEPPI, et al.

Serial No.: 10/687,550

Filed: October 15, 2003

For: MULTI-ENERGY RADIATION  
DETECTOR

Group Art Unit: 2884

Examiner: Djura Malevic

Confirmation No. 7696

**AMENDMENT AFTER FINAL**

**MAIL STOP RCE**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed June 15, 2006, kindly amend the application in accordance with the following amendment sheet(s). This response is being filed concurrently with a request for continued examination (RCE).

**Amendments to the Claims begin on page 2.**

**Remarks begin on page 9.**